PROCEEDINGS OF THE

ROYAL ENTOMOLOGICAL SOCIETY

OF LONDON

SERIES C. JOURNAL OF MEETINGS

VOLUME 21. No. 1, 1956

ORDINARY MEETING

WEDNESDAY, 7th MARCH, at 5.30 p.m.

AGENDA.

1. Confirmation of the Proceedings of the Ordinary Meeting held on 18th January, and of the Annual Meeting held on 1st February, 1956.

2. Announcement of Vice-Presidents for 1956.

3. Recommendations of candidates for Fellowship. First reading.

4. Recommendations of candidates for Fellowship. Second reading.

5. Announcement of election of new Fellows.

6. Additions to the Library [see p. 3].

7. Admission of Fellows.

8. Exhibits.

Fellows are particularly requested to bring suitable exhibits to the Meeting even though it may not be possible to announce their intention to do so beforehand.

Note.—To avoid congestion in the Library and to enable exhibits to be displayed to greater advantage, a table has been placed in the meeting-room for this purpose. Fellows are asked to place their exhibits on this table, with a suitable explanatory note, as soon as possible on the afternoon of the meeting, so that they are available for inspection there before the meeting opens.

9. Communications.

Dr. T. E. Mittler.

The nitrogen economy of Aphids.

[Abstract.]

The results of experiments with *Tuberolachnus salignus* (Gmelin) colonizing willow stems indicate that all the nitrogen assimilated by these aphids for their growth and reproduction is supplied to them in the phloem sap of their host plant. Even when the nitrogen content of the phloem sap is low *T. salignus* do not appear to be fixing atmospheric nitrogen.

Tea will be served in the Library before the meeting.

Proceedings of the Annual Meeting held on 1st February, 1956.

Dr. W. J. Hall, C.M.G., M.C., President, in the Chair.

Present: 69 Fellows and 9 Visitors.

The Secretary read the names of Officers and Council for 1956, and they were declared duly elected in accordance with the Bye-laws.

The Secretary read the report of the Council for 1955, which was adopted on the proposal of Mr. N. D. Riley, seconded by Miss. C. Longfield.

The Treasurer read his Annual Report and this, with the accounts for the year ended 31st December, 1955, was adopted on the motion of Lt.-Col. W. B. L. Manley, seconded by Mr. C. N. Hawkins.

The President then made his concluding remarks.

A vote of thanks to the Officers for their services throughout the year was proposed by Professor G. C. Varley and carried unanimously. The President briefly replied.

The formal meeting then closed and was followed by a coloured film, "The Rival World," shown by courtesy of Shell Films.

Mr. Arthur Welti showed a series of photographs of living insects, also taken by the Shell Photographic Unit.

E. B. BRITTON, *Honorary Secretary.*

The next meeting will be held on 4th April at 5.30 p.m.

Additions to the Library.

Presented.

Kinki Coleopterological Society. *Coloured illustrations of the insects of Japan. Coleoptera.* Enlarged and revised. Revised by Takehiko Nakane. Edited by the . . . Society. 8vo. Hoikusha : Osaka. 1955. (*In Japanese*) [Dr. A. M. Easton.]

Marshall, G. A. K. *The Otiorrhynchine Curculionidae of the tribe Celeuthetini* (*Col.*). 8vo. London. 1956. [Trustees of the British Museum.]

Purchased.

Bergmann, Arno. *Die Grosschmetterlinge Mitteldeutschlands.* Band 5/1 & 5/2. *Spanner. Verbreitung, Formen und Lebensgemeinschaften.* Large 8vo. Jena. 1955.

Stichel, W. *Illustrierte Bestimmungstabellen der Wanzen.* II. *Europa.* 6 Heft. 8vo. Berlin-Hermsdorf. 1956.

In addition, separates have been presented by Miss E. N. Marks ; Dr. D. S. MacLagan ; Dr. C. A. Clarke ; Mr. W. V. Harris ; Mr. G. G. Lanfranco ; Dr. J. L. Cloudsley-Thompson ; Dr. D. J. Lewis ; Dr. P. T. Haskell ; Dr. S. B. D. Agarwala ; Commonwealth Institute of Entomology ; Mr. P. Hunter-Jones ; Department of Entomology, Rothamsted Experimental Station ; Mr. B. N. Schwanwitsch ; and the Companhia de Diamentes de Angola.

NOTICES

In addition to the *Transactions* and *Proceedings* (Series A, B, and C), the following publications are available on application at the Society's rooms:—

THE GENERIC NAMES OF BRITISH INSECTS, WITH CHECK LISTS OF THE SPECIES, prepared by the Committee on Generic Nomenclature of the Royal Entomological Society of London with the assistance of the Department of Entomology of the British Museum (Natural History):—

Part 1.	Recommendations relating to the publication of the Committee's Reports	Price 6*d.*
,, 2.	Rhopalocera	,, 3*s.* 6*d.*
,, 3.	Odonata	,, 3*s.* 6*d.*
,, 4.	Neuroptera	,, 3*s.* 6*d.*
,, 5.	Hymenoptera Aculeata	,, 15*s.* 0*d.*
,, 6.	Coleoptera Carabidae	,, 10*s.* 0*d.*
,, 7.	Coleoptera Hydradephaga	,, 5*s.* 0*d.*
,, 8.	Hemiptera Heteroptera	,, 39*s.* 0*d.*
,, 9.	Coleoptera Staphylinidae	,, 40*s.* 0*d.*

HANDBOOKS FOR THE IDENTIFICATION OF BRITISH INSECTS.

The Society has undertaken the issue of a series of publications intended to provide illustrated Keys to the whole of the British Insect Fauna so far as this is possible.

It is proposed to cover this field in a series of ten volumes, arranged as follows: —

I. Part 1. General Introduction.
,, 2. Thysanura.
,, 3. Protura.
,, 4. Collembola.
,, 5. Dermaptera and Orthoptera.
,, 6. Plecoptera.
,, 7. Psocoptera.
,, 8. Anoplura.
Part 9. Ephemeroptera.
,, 10. Odonata.
,, 11. Thysanoptera.
,, 12. Neuroptera.
,, 13. Mecoptera.
,, 14. Trichoptera.
,, 15. Strepsiptera.
,, 16. Siphonaptera.

II. Hemiptera. III. Lepidoptera. IV and V. Coleoptera.
VI. Hymenoptera: Symphyta and Aculeata.
VII. Hymenoptera: Ichneumonoidea.
VIII. Hymenoptera: Cynipoidea, Chalcidoidea and Serphoidea.
IX. Diptera: Nematocera and Brachycera. X. Diptera: Cyclorrhapha.

The following parts are now available:—

Vol. I, Part 2. Thysanura and Diplura. By M. J. Delany. Price 2*s.* 6*d.* plus postage.
Vol. I, Part 5. Dermaptera and Orthoptera. By W. D. Hincks. Price 3*s.* 6*d.* plus postage.
Vol. I, Part 6. Plecoptera. By D. E. Kimmins. Price 3*s.* 6*d.* plus postage.
Vol. I, Part 9. Ephemeroptera. By D. E. Kimmins. Price 3*s.* 6*d.* plus postage.
Vol. I, Part 10. Odonata. By F. C. Fraser. Price 7*s.* 6*d.* plus postage.
Vol. IV, Part 3. Coleoptera, Hydradephaga. By F. Balfour-Browne. Price 6*s.* plus postage.
Vol. IV, Part 8a. Coleoptera: Staphylinidae (part). By C. E. Tottenham. Price 15*s.* 0*d.* plus postage.
Vol. V, Part 7. Coleoptera: Coccinellidae and Sphindidae. By R. D. Pope. Price 2*s.* 6*d.* plus postage.
Vol. V, Part 9. Coleoptera. By F. D. Buck. Price 6*s.* plus postage.
Vol. V, Part 12. Coleoptera: Cerambycidae. By E. A. J. Duffy. Price 3*s.* 6d. plus postage.
Vol. V, Part 15. Coleoptera, Scolytidae and Platypodidae. By E. A. J. Duffy Price 3*s.* 6d. plus postage.
Vol. VI, Part 2a. Hymenoptera: Symphyta (part). By R. B. Benson. Price 10*s.* 0*d.* plus postage.
Vol. VI, Part 2b. Hymenoptera: Symphyta (contd.). By R. B. Benson. Price 15*s.* 0*d.* plus postage.
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Vol. IX, Part 2. Diptera, Nematocera: Families TIPULIDAE to CHIRONOMIDAE. By R. L. Coe, Paul Freeman and P. F. Mattingly. Price 20*s.* 0*d.* plus postage.
Vol. X, Part 1. Diptera: Syrphidae. By R. L. Coe. Price 17*s.* 6*d.* plus postage.
Vol. X, Part 4a. Diptera, Cyclorrhapha (part). By F. I. van Emden. Price 20*s.* 0*d.* plus postage.

Orders for the complete series or for separate parts can be placed with the Registrar at the Society's rooms now, but prices can only be quoted for those parts already issued.

Fellows of the Society may purchase one copy at a discount of 25 per cent.; additional copies at the full published price.

STYLOPS, a Journal of Taxonomic Entomology.
1932–1935. Vols. 1–4 (all issued). Price £2 3*s.* 0*d.* each; to Fellows £1 12*s.* 9*d.*

HÜBNER: A BIBLIOGRAPHICAL AND SYSTEMATIC ACCOUNT OF THE ENTOMOLOGICAL WORKS OF JACOB HÜBNER AND THE SUPPLEMENTS THERETO. In 2 vols. By Francis Hemming. Price: Vol. 1. 605 pp. £1 15*s.* 0*d.*; Vol. 2. 275 pp. 15*s.* 0*d.*

THE HISTORY OF THE ENTOMOLOGICAL SOCIETY OF LONDON, 1833–1933. By S. A. Neave, assisted by F. J. Griffin. Price 10*s.* 6*d.*

SERIAL PUBLICATIONS IN THE LIBRARY OF THE ROYAL ENTOMOLOGICAL SOCIETY OF LONDON. 1951. Price 5*s.* 0*d.*

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